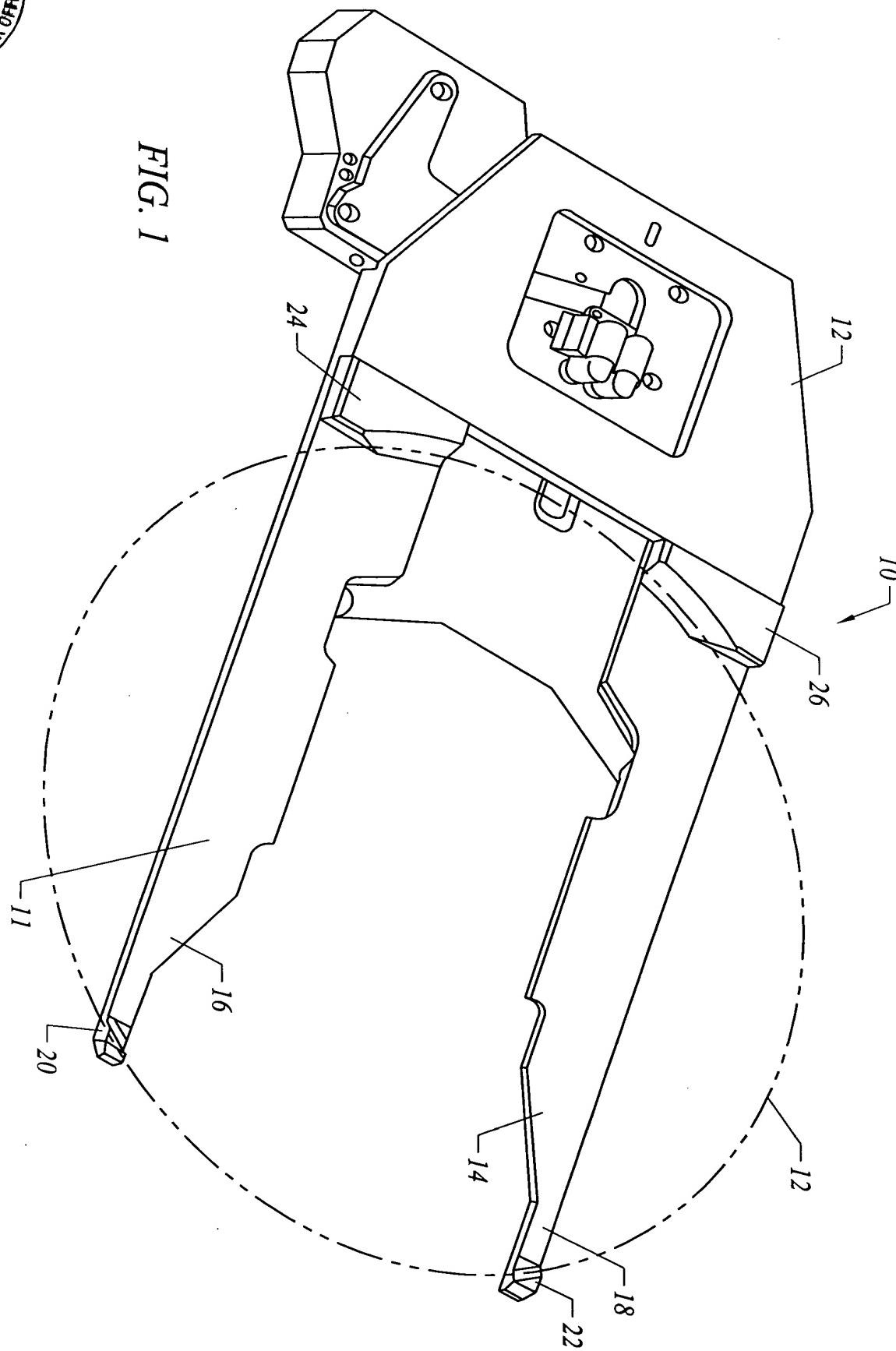


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Title: ACTIVE EDGE GRIPPING END EFFECTOR
Inventor(s): Theodore W. Rogers et al. Docket No.: 34741-872
Serial No.: 10/624,133 Attorney: Scott D. Sanford
Filed: July 21, 2003 Telephone: 415-984-8700
Sheet 1 of 12

FIG. 1



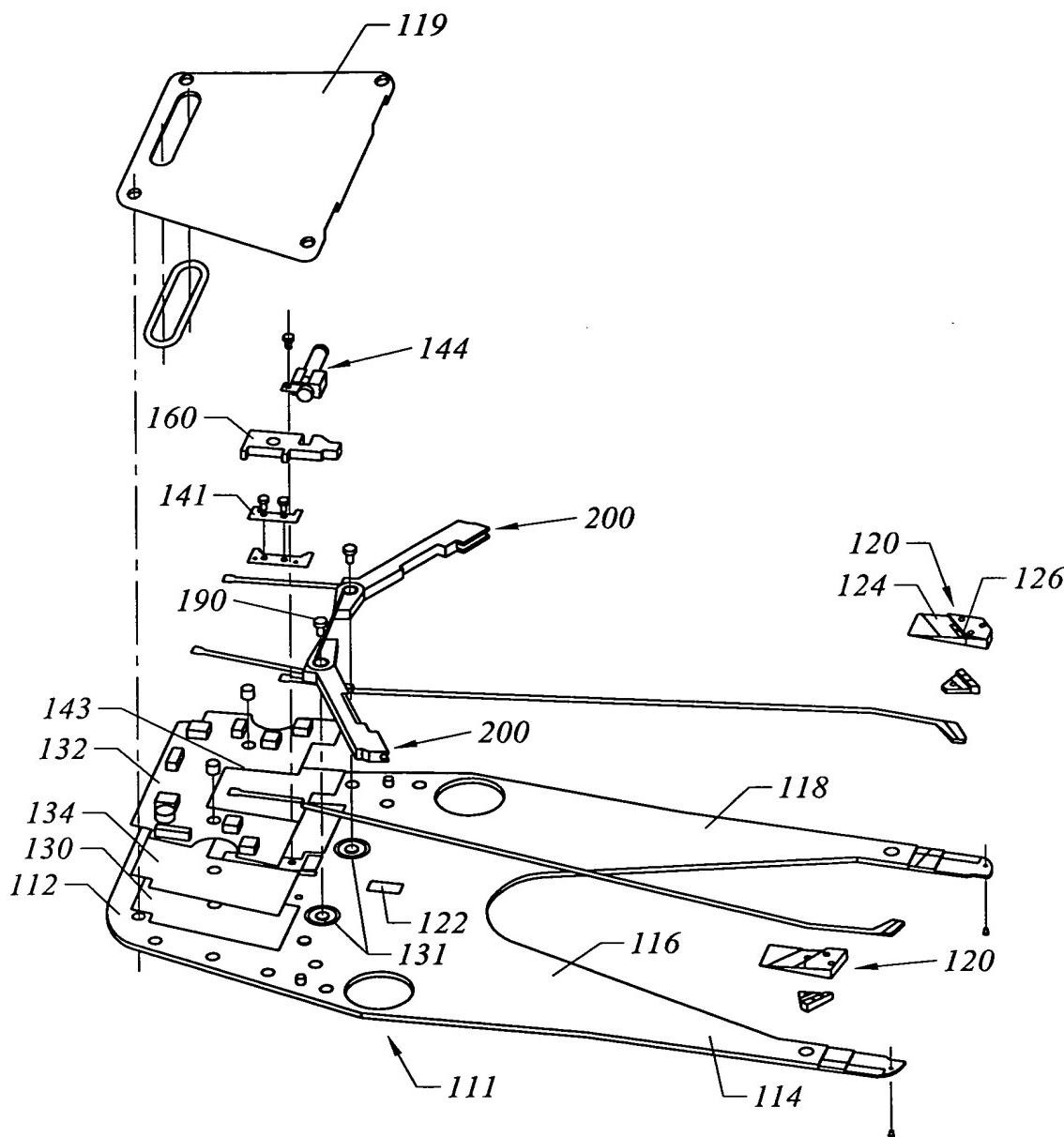


FIG. 2

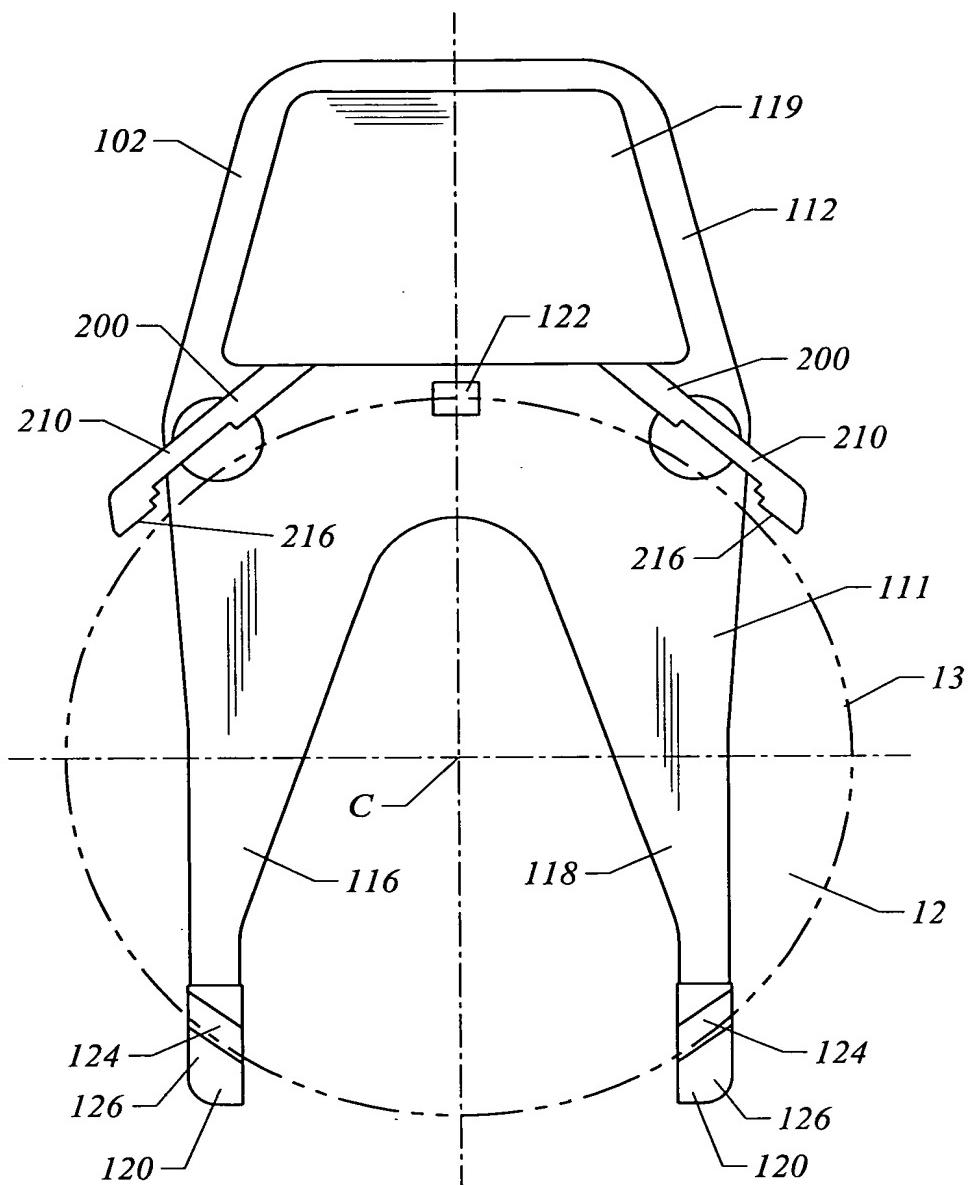


FIG. 3

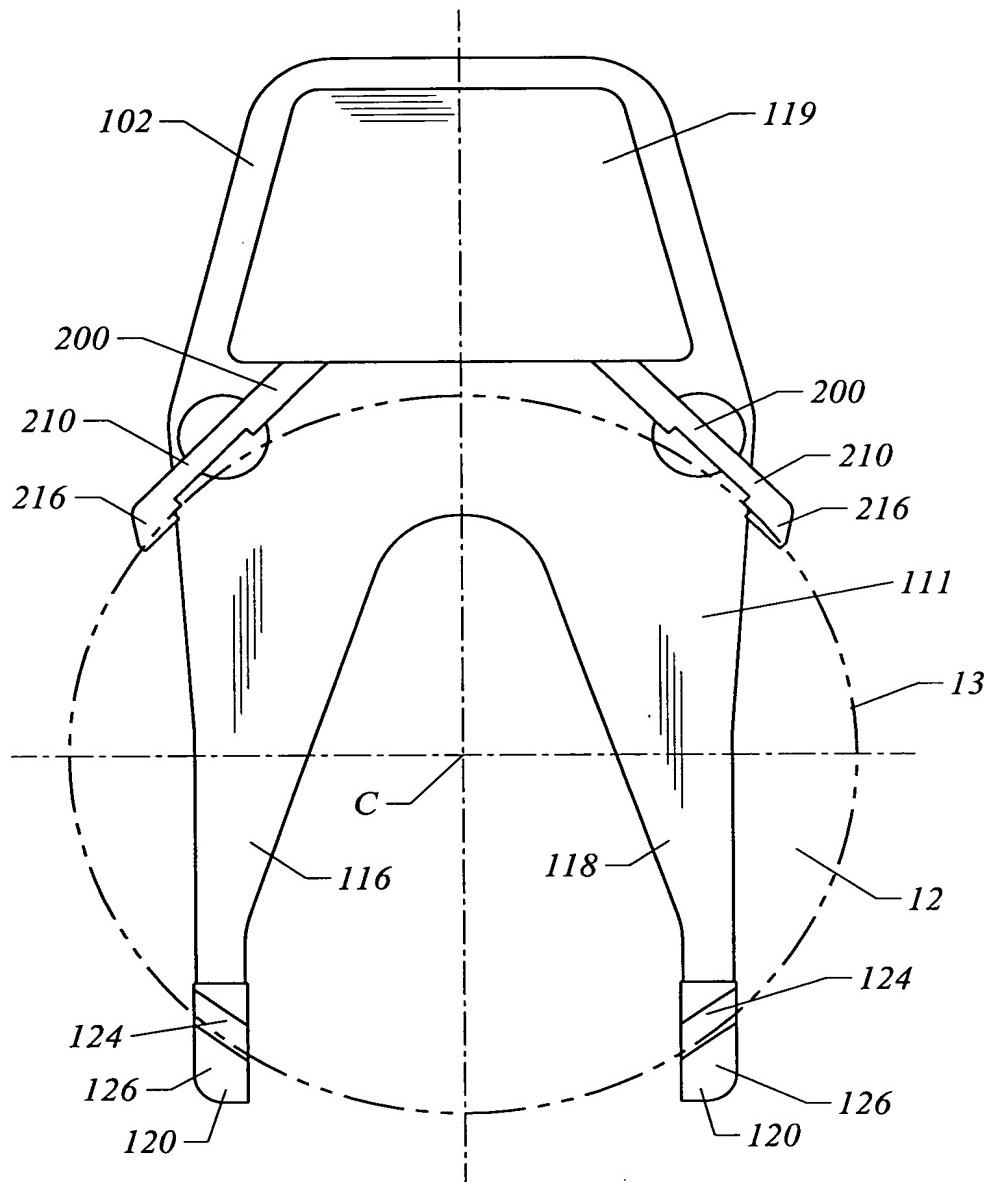
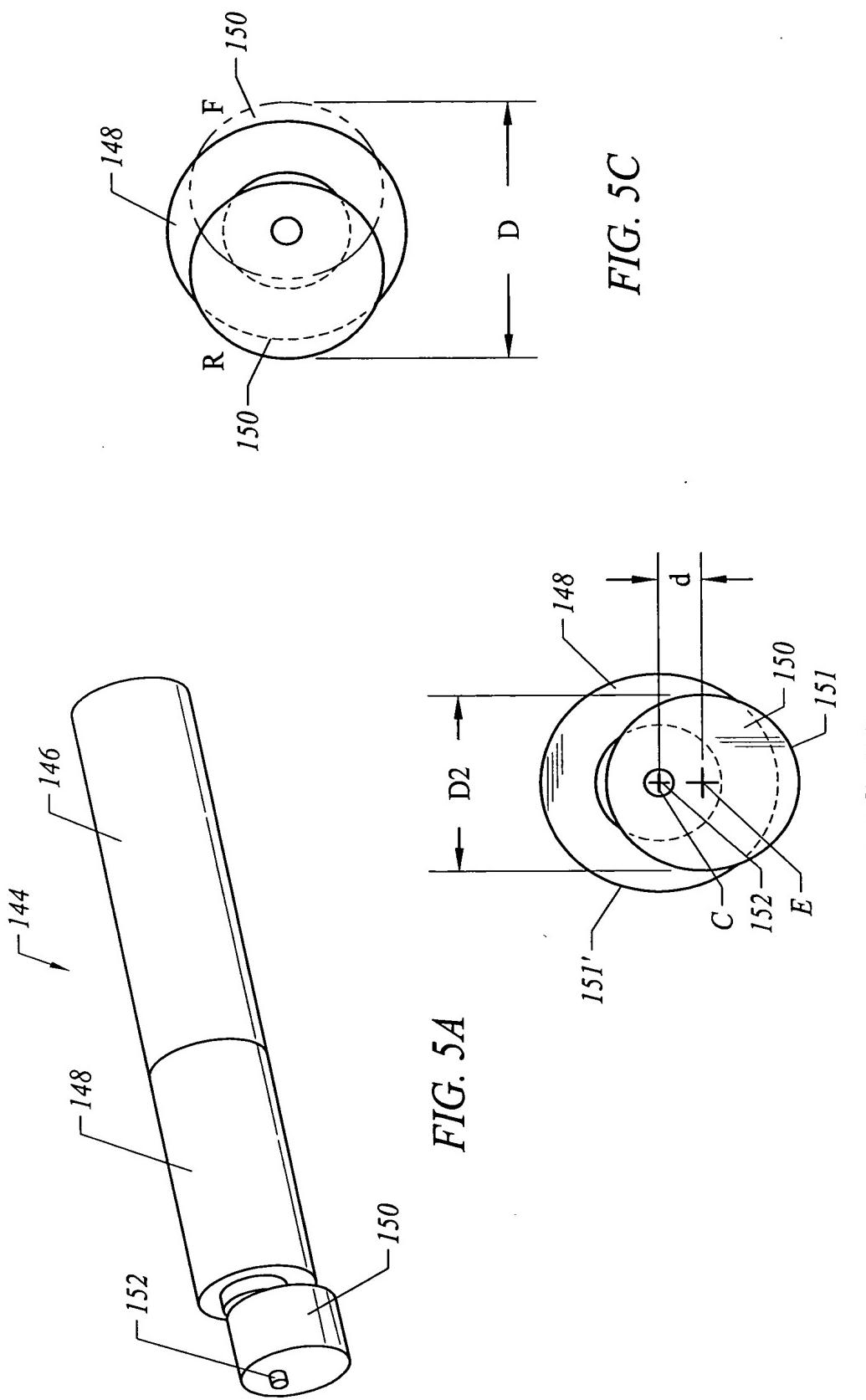


FIG. 4



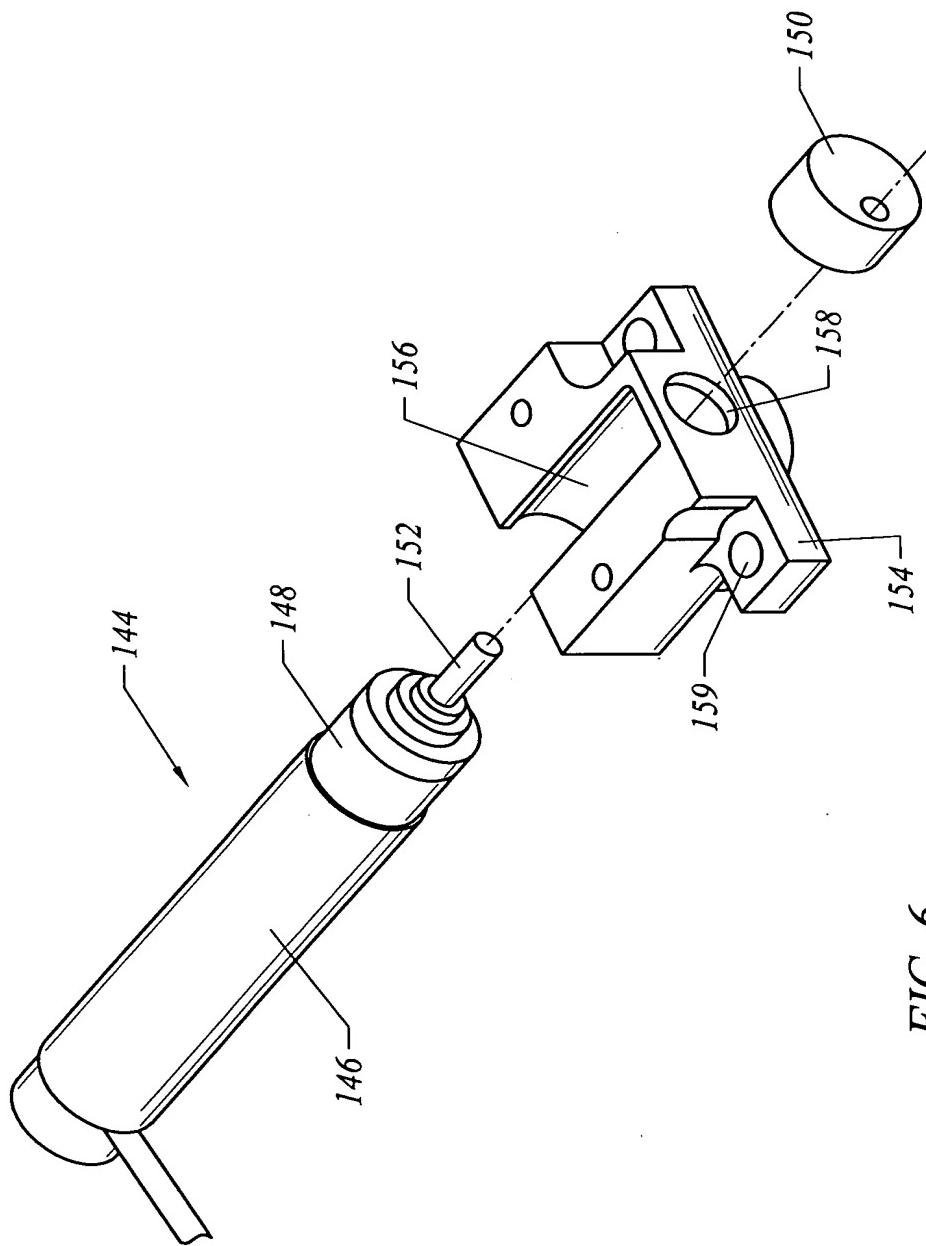


FIG. 6

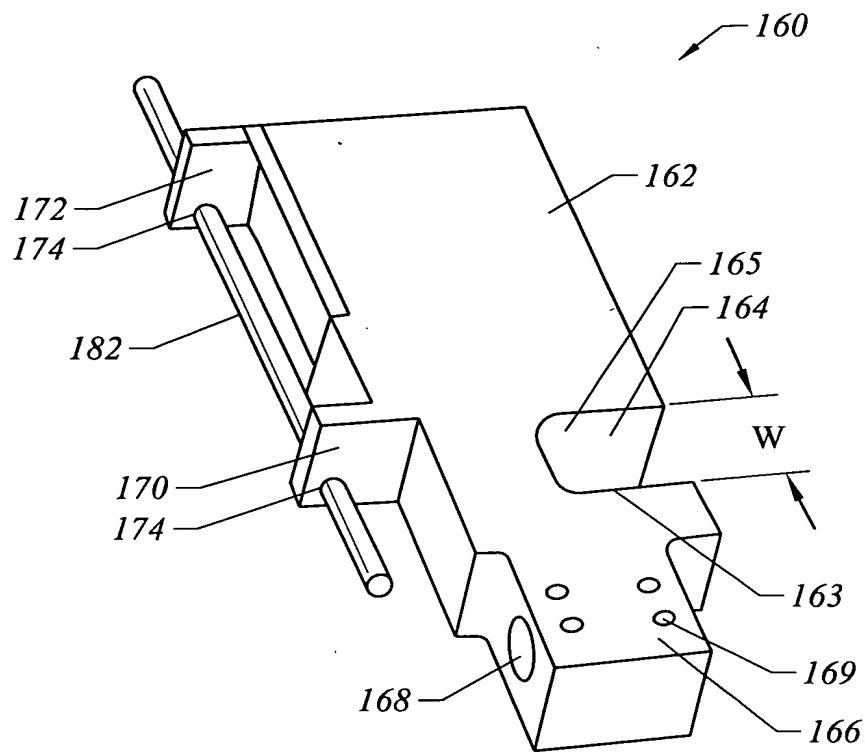


FIG. 7A

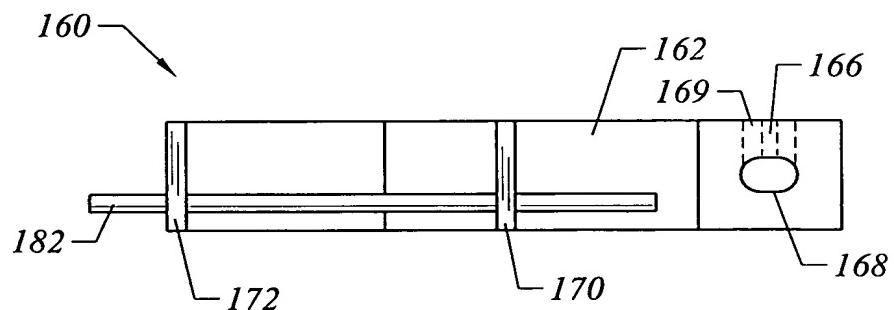


FIG. 7B

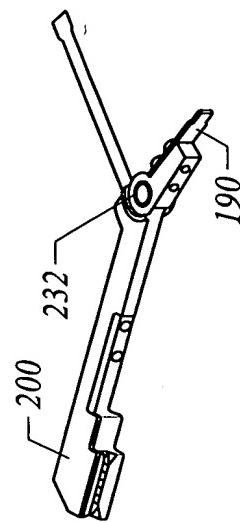


FIG. 8B

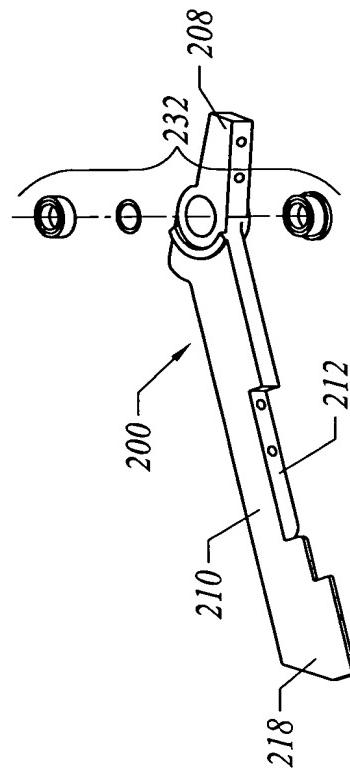


FIG. 9

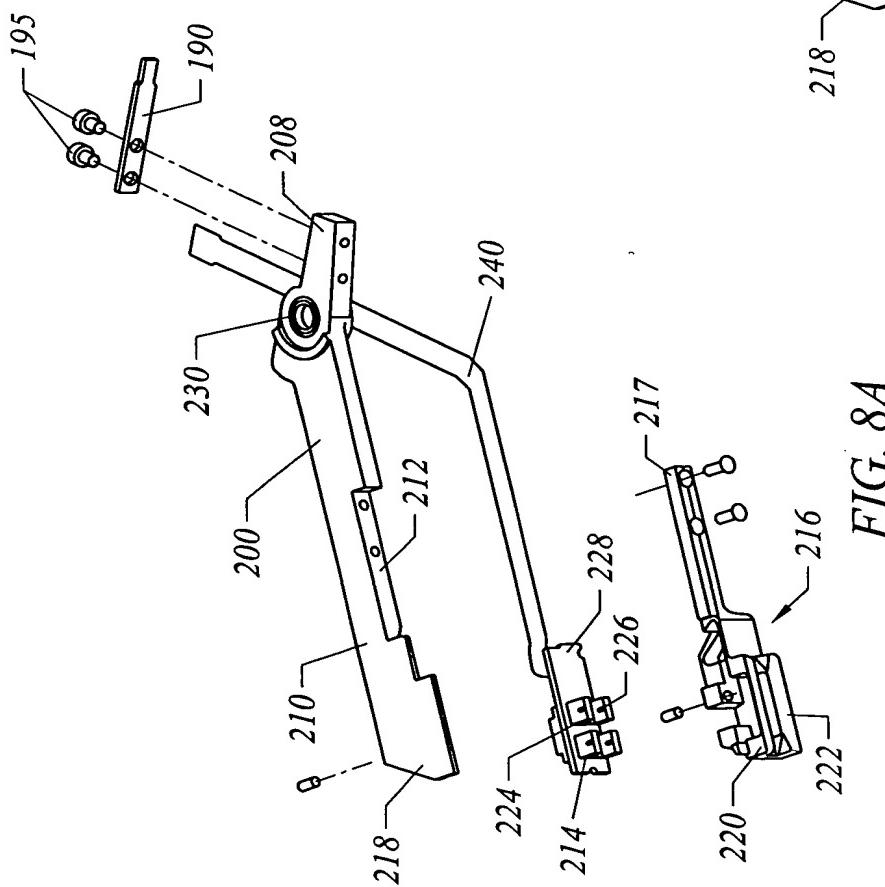


FIG. 8A

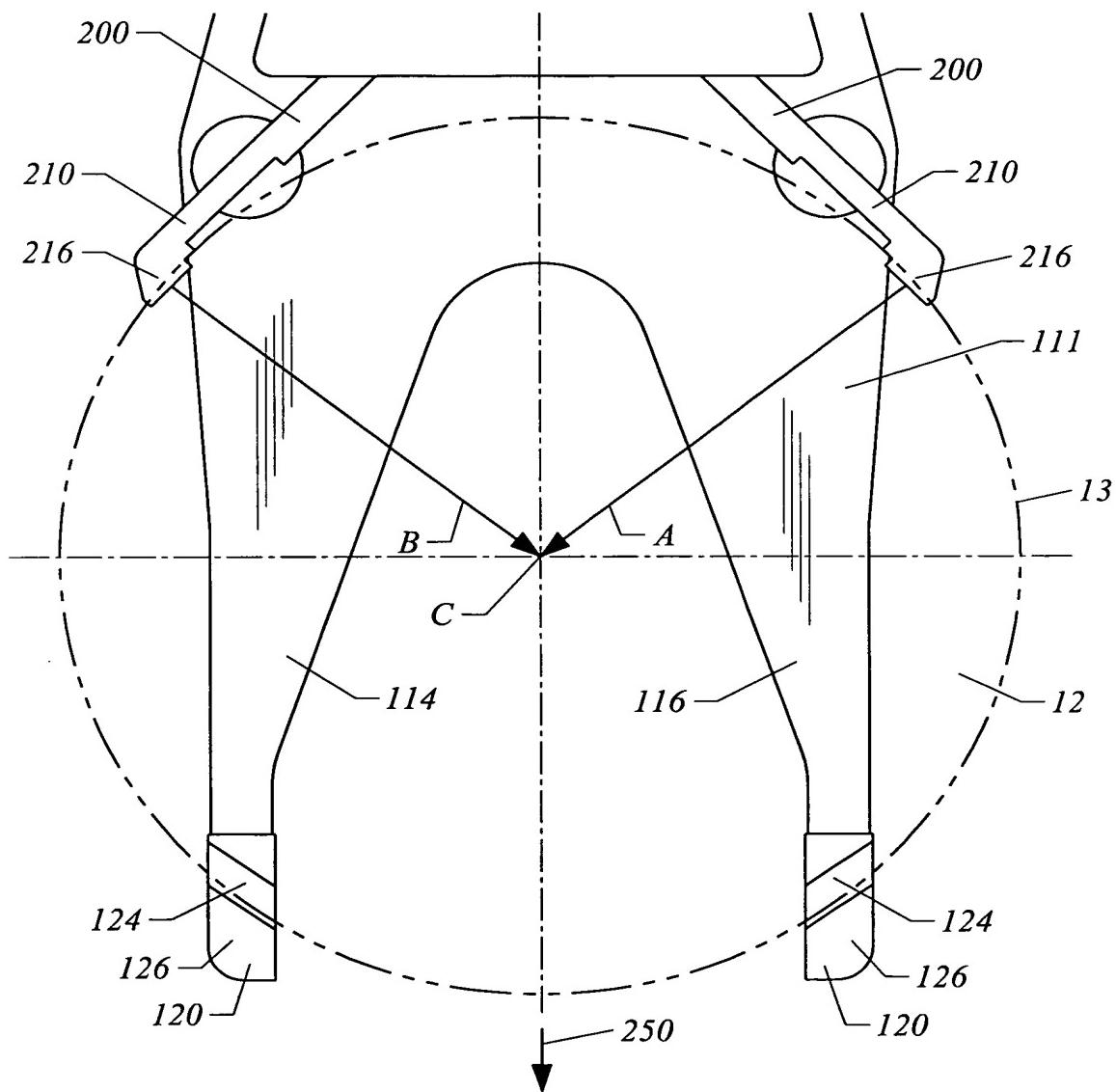


FIG. 10

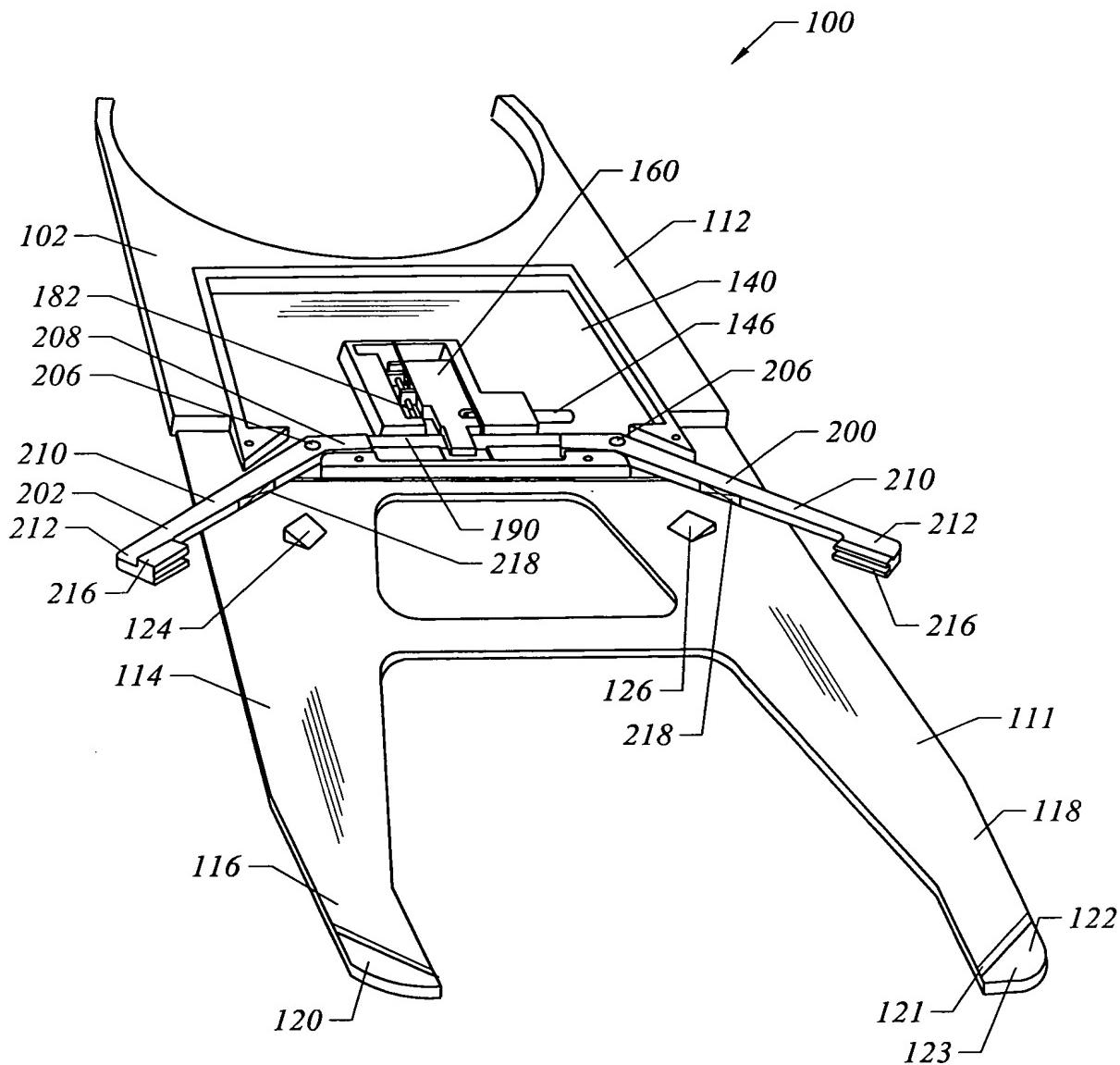


FIG. 11

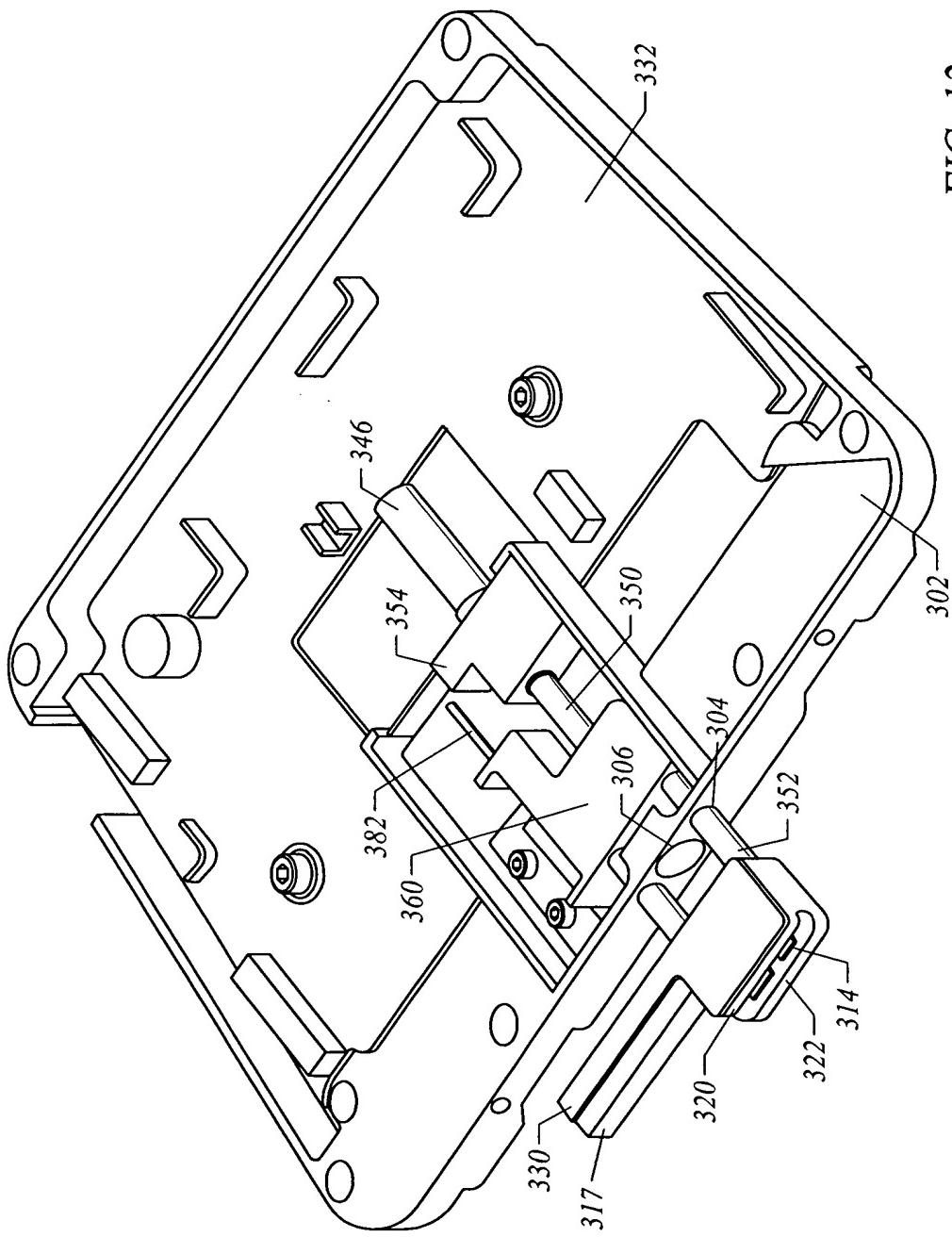


FIG. 12

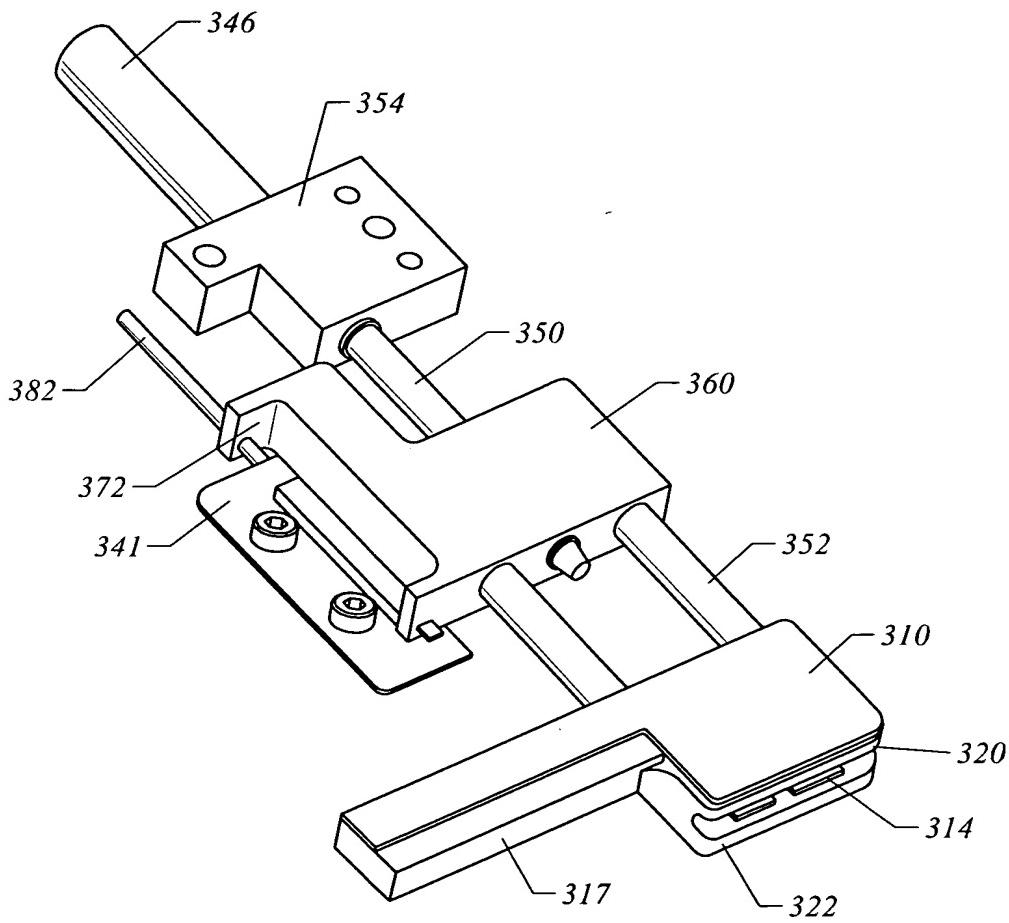


FIG. 13